

IN THE CLAIMS:

Please cancel claims 1-18 without prejudice to or disclaimer of the subject matter recited therein.

Please add new claims 19-36 as follows:

LISTING OF CURRENT CLAIMS

Claims 1-18. (Canceled)

Claim 19. (New) A ring body and supporting structure of a vibratile gyroscope, comprising:

a sheet ring body located in a base of the vibratile gyroscope and having a thickness;

5 a supporting structure located on each of a top and a bottom edge of the sheet ring body between said base and the ring body is provided for supporting the ring body; and

a plurality of electrodes located at a position selected from a group consisting of an interior of the ring body, an exterior of the ring body, and an interior and an exterior of the ring body sensing a deformation of the ring body and driving the ring body;

10 wherein the supporting structure connecting the ring body and the base providing axial and radial supporting capabilities.

Claim 20. (New) The ring body and supporting structure of the vibratile gyroscope according to claim 19, wherein the supporting structure is symmetrically arranged on two opposing edges of the ring body.

Claim 21. (New) The ring body and supporting structure of the vibratile gyroscope according to claim 19, wherein the supporting structure is a ring shape and has an inner radius and an outer radius equal to an inner radius and an outer radius of the ring body, respectfully, and a plurality of connecting parts located between the supporting structure and the ring body and between the supporting structure and the base.

Claim 22. (New) The ring body and supporting structure of the vibratile gyroscope according to claim 21, wherein the supporting structure having a plurality of arc bodies having a common radius.

Claim 23. (New) The ring body and supporting structure of the vibratile gyroscope according to claim 22, wherein the plurality of arc bodies includes eight arc bodies being equally spaced, each of the eight arc bodies having one of the plurality of connecting parts located on a first edge thereof connecting the arc body to the base and having one of the plurality of connecting parts located on a second edge thereof connecting the arc body to the ring body.

Claim 24. (New) The ring body and supporting structure of the vibratile gyroscope according to claim 21, wherein the supporting structure is a continuous ring-shaped body having a plurality of connecting parts equally spaced apart and located between a bottom of the supporting structure and the ring body, and between a top of the supporting structure and the base, and the plurality of connecting parts on the bottom align with the plurality of connecting parts located on the top of the supporting structure .

Claim 25. (New) The ring body and supporting structure of the vibratile gyroscope according to claim 19, further comprising a reinforcing structure located on an interior surface of the ring body.

Claim 26. (New) The ring body and supporting structure of the vibratile gyroscope according to claim 25, wherein the reinforcing structure projects inwardly from the interior surface of the ring body, and the reinforcing structure having a plurality of recessing parts.

Claim 27. (New) The ring body and supporting structure of the vibratile gyroscope according to claim 26, wherein each of the plurality of recessing parts is an opening diverging outwardly from the interior surface of the ring body, and the recessing parts are equally spaced.

Claim 28. (New) The ring body and supporting structure of the vibratile gyroscope according to claim 25, wherein the reinforcing structures have a height equal to a height of the ring body.

Claim 29. (New) The ring body and supporting structure of the vibratile gyroscope according to claim 19, wherein the ring body is a sheet-typed ring body having a height, and the supporting structure is a ring structure having an inner radius and an outer radius equal to an inner radius and an outer radius of the ring body, respectfully, and a plurality of connecting parts are located between the supporting structure and the ring body.

Claim 30. (New) The ring body and supporting structure of the vibratile gyroscope according to claim 29, wherein the supporting structure has a ring-shaped contour and includes a plurality of surrounding arc bodies having a common radius.

Claim 31. (New) The ring body and supporting structure of the vibratile gyroscope according to claim 30, wherein the plurality of arc bodies includes eight arc bodies being equally spaced, each of the eight arc bodies having one of the plurality of connecting parts located on a first edge thereof connecting the arc body to the base and having one of the plurality of connecting parts located on a second edge thereof connecting the arc body to the ring body.

Claim 32. (New) The ring body and supporting structure of the vibratile gyroscope according to claim 29, wherein the supporting structure is a continuous ring-shaped body having a plurality of connecting parts equally spaced apart and located between a bottom of the supporting structure and the ring body, and between a top of the supporting structure and the base, and the plurality of connecting parts on the bottom align with the plurality of connecting parts located on the top of the supporting structure .

Claim 33. (New) The ring body and supporting structure of the vibratile gyroscope according to claim 29, further comprising a reinforcing structure located on an interior surface of the ring body.

Claim 34. (New) The ring body and supporting structure of the vibratile gyroscope according to claim 33, wherein the reinforcing structure projects inwardly from the interior surface of the ring body, and the reinforcing structure having a plurality of recessing parts.

Claim 35. (New) The ring body and supporting structure of the vibratile gyroscope according to claim 34, wherein each of the plurality of recessing parts is an opening diverging outwardly from the interior surface of the ring body, and the recessing parts are equally spaced.

Claim 36. (New) The ring body and supporting structure of the vibratile gyroscope according to claim 33, wherein the reinforcing structures have a height equal to a height of the ring body.